



Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>				Compleat If Known	
Sheet	1	of	4	Application Number	09/580,156
				Filing Date	05-30-2000
				First Named Inventor	Sandberg, et al.
				Group Art Unit	1631
				Examiner Name	Borin, M
				Attorney Docket Number	25812-5-CIP

U.S. PATENT DOCUMENTS

Examiner Initials'	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
1103	AA	4,327,078		Charlet et. al.	04/27/1982	
	AB	4,816,513		Bridgman et al.	03/28/1989	
	AC	4,668,476		Bridgman et al.	05/26/1987	
	AD	4,983,382		Wilmott et al.	01/08/1991	
	AE	5,140,043		Darr et al.	08/18/1992	
	AF	5,122,536		Perricone	06/16/1992	
	AG	4,891,227		Thaman et al.	01/02/1990	
	AH	4,891,228		Thaman et al.	01/02/1990	
	AI	4,603,146		Kligman	07/29/1986	
	AJ	4,877,805		Kligman	10/31/1989	
	AK	4,474,763		Lubowe	10/02/1984	
	AL	4,591,501		Cioca	05/27/1986	
	AM	4,659,740		Usher	04/21/1987	.
	AN	4,963,656		Mitani	10/16/1990	
	AO	5,017,691		Lee	05/21/1991	
	AP	5,079,003		Scaffidi et al.	01/07/1992	
	AO	5,223,420		Rabaud et al.	06/29/1993	
	AR	5,523,291		Janzen et al.	06/04/1996	
	AS	5,648,209		Avrameas et al.	07/15/1997	
1103	AT	5,736,537		Gubernick et al.	04/07/1998	

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	03/04
--------------------	---	-----------------	-------

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached *Kinds of U.S. Patent Documents*. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.

O I P E JC176
AUG 18 2003
PATENT & TRADEMARK OFFICE

Please type a plus sign (+) inside this box → +

PTO/SB/088 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

3

of

4

Complete If Known

Application Number	09/580,156
Filing Date	05-30-2000
First Named Inventor	Sandberg et al.
Group Art Unit	1631
Examiner Name	Borin, M

Attorney Docket Number

25812-5-CIP

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Case No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MJS	BA	Heiber, A.D. et al., Detection of Elastin in the Human Fetal Membranes: Proposed Molecular Basis for Elasticity; Placenta; vol. 18; pp. 301-312; 1997.	
	BB	Gibson, M.A. et al., Further Characterization of Proteins Associated with Elastic Fibre Microfibrils Including the Molecular Cloning of MAGP-2 (MP25); The Journal of Biological Chemistry; vol. 271, No. 2 pp. 1096-1103; Jan. 12, 1996.	
	BC	Price, L.S.C. et al., Valyl-Alanyl-Prolyl-Glycine (VAPG) Peptides as a Quantitative Marker for Human Elastins; Matrix; vol. 13 pp. 307-311; 1993.	
	BD	Blankenship, J.W. et al., Oxysterol Incorporation Into Rat Aorta Resulting in Elastin Compositional Changes; Lipids; vol. 26, No. 5; pp. 381-384; 1991.	
	BE	Sandberg, L.B. et al., Quantitation of Elastin in Tissues and Culture: Problems Related to the Accurate Measurement of Small Amounts of Elastin With Special Emphasis on the Rat; Connective Tissue Research; vol. 25, pp. 139-148; 1990.	
	BF	Sandberg, L.B. et al., Structural Guidelines for an Acceptable Elastin and Tropoelastin: Application Towards Quantitation of Elastin Accumulation in Tissue Culture; Elastin: Chemical and Biological Aspects (Reprinted); pp. 22-24; 1009.	
	BG	Sandberg, L.B. et al., Quantitation of Elastin Through Measurement of Its Pentapeptide Content; Biochemical and Biophysical Research Communications; vol. 136, No. 2 pp. 672-678; Apr. 29, 1986.	
	BH	Database CaPlus, AN 108:167920. Bayer et al. Z. Naturforsch., C: Biosci, 42(4), 455-60, Apr. 1987.	
	BI	Hunninghake et al. Science, 212, 925-927, May 1981.	
	BJ	Database Caplus, DN 127:219499. Morrelli et al. J. Pept. Res., 49 (6), 429-499, Jun. 1997.	
MJS	BK	Database Caplus, DN 122:102414. Bisaccia et al. Int. J. Pept. Res. 44, 332-341, Apr. 1994.	

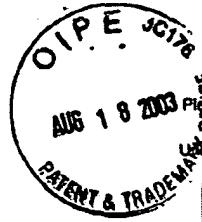
Examiner
Signature

Date
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and no! considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box →

Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

4

of

4

Complete If Known

Application Number	09/580,156
Filing Date	05-30-2000
First Named Inventor	Sandberg, et al.
Group Art Unit	1631
Examiner Name	Borin, M

Attorney Docket Number 25812-5-CIP

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
MS	CA	Database CAPLUS, AN 115:65185, DOI, R. et al., Effects of synthetic human pancreatic secretin on pancreatic secretion and blood flow in rats and dogs. Peptides. 1991, vol. 12(3), pages 449-502.
	CB	Database CAPLUS, AN 107:54378, RAJU, K. et al., Primary structure of bovine elastin a, b, and c deduced from the sequences of cDNA clones. J. Biol. Chem., 1987, 262(12), pages 5755-5762.
	CC	Database CAPLUS, AN 107:191131, CHARTEN et al. QSAR for peptide bioactivities. Further studies. Pharmacochim. Libr. 1987, vol. 10, pages 285-290.
	CD	Database CAPLUS, 129:187343, LOGRANO, M. et al., Identification of elastin peptides with vasorelaxant activity on rat thoracic aorta. Int. J. Biochem. Cell Biol., 1998, vol. 30 pages 497-503.
ME	CE	FERRANCE, J., Examiner's first report on patent application no. 30854/99 by Connective Tissue Imagineering LLC, 2001.

Examiner Signature		Date Considered	08/04
--------------------	--	-----------------	-------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Unique citation designation number. ³Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please type a plus sign (+) inside this box →

PTO/SB/08A (08-00)

OCT 6 2003

<p>Substitute for form 1449A/PTO</p> <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p><i>(use as many sheets as necessary)</i></p>				<p>Complete if Known</p> <table border="1"> <tr> <td>Application Number</td> <td>09/580,156</td> </tr> <tr> <td>Filing Date</td> <td>05-30-2000</td> </tr> <tr> <td>First Named Inventor</td> <td>Sandberg, et al.</td> </tr> <tr> <td>Group Art Unit</td> <td>1631</td> </tr> <tr> <td>Examiner Name</td> <td>Borin</td> </tr> <tr> <td>Attorney Docket Number</td> <td>25812-5-CIP</td> </tr> </table>		Application Number	09/580,156	Filing Date	05-30-2000	First Named Inventor	Sandberg, et al.	Group Art Unit	1631	Examiner Name	Borin	Attorney Docket Number	25812-5-CIP
Application Number	09/580,156																
Filing Date	05-30-2000																
First Named Inventor	Sandberg, et al.																
Group Art Unit	1631																
Examiner Name	Borin																
Attorney Docket Number	25812-5-CIP																
Sheet	1	of	1														

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
MM	AA	5,948,418		Maes et al.	09/07/1999	
	AB	5,801,192		Dumas et al.	09/01/1998	
	AC	5,776,441		Scancarella et al.	07/07/1998	
	AD	5,770,697		Ferrari et al.	06/23/1998	
	AE	5,726,040		Ensley et al.	03/10/1998	
	AF	5,643,949		Van Scott et al.	07/01/1997	
	AG	5,587,396		Smith	12/24/1996	
	AH	5,503,825		Lane	04/02/1996	
	AI	5,028,695		Eckmayer et al.	07/02/1991	
	AJ	4,381,294		Bouillon et al.	04/26/1983	
	AK	4,323,553		Bouillon et al.	04/06/1982	
MM	AL	4,118,480		Williams	10/03/1978	
	AM					
	AN					
	AO					
	AP					
	AO					
	AR					
	AS					
	AT					

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	04/04
-----------------------	---	--------------------	-------

***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20591. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.